AW

PATENT
THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S)

John Grassi et al.

TITLE

MOLD-REMOVAL CASTING METHOD AND APPARATUS

APPLICATION NO.

10/614,601

**FILED** 

July 7, 2003

CONFIRMATION NO.

7816

**EXAMINER** 

Ing-Hour Lin

**ART UNIT** 

1725

LAST OFFICE ACTION

April 18, 2005

ATTORNEY DOCKET NO.

GISZ 2 00031

## SUPPLEMENTAL RESPONSE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## Dear Sir:

Further to amendment A which was filed on August 17, 2005, applicant takes this opportunity to submit an additional Declaration Under 37 C.F.R. § 1.132.

This is a declaration by Dr. J. Fred Major who is a research scientist working for Alcan International Limited ("Alcan"). Alcan is one of the world's largest producers of primary aluminum and a technology leader in this area. Alcan is a producer of semi-finished and finished products made of aluminum.

In the enclosed declaration, Dr. Major states that to his knowledge he has never seen any casting process where the mold begins to be removed before the molten metal has solidified into a casting (see paragraph 5 of the declaration). He further states that it is highly surprising to him that Alotech (which is the assignee of the instant application, see

the assignment document recorded on July 7, 2003 at Reel 014269, beginning at Frame 0062) has developed a process for casting an aluminum metal in which at least a portion of the mold is decomposed with a solvent including water, before the molten metal has completely solidified into a casting.

Consideration of this Declaration is earnestly solicited.

Respectfully submitted,

FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP

September 9, 2005 Date

Jay F. Moldovanyi, Reg. No. 29,678 1100 Superior Avenue, Seventh Floor

Cleveland, OH 44114-2579

216-861-5582

CERTIFICATE OF	Mailing

Express Mail Label No.:	i/	, Signature	!
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			ressee" service under 37 Commissioner For
			ate indicated below.
that this Petition for Extension of Time Under 3	37 C.F.R	. 1.136(a) and accompanyin	g document(s) are being
	deposited with the United States Postal Sen Commissioner for Patents, P.O. Box 1450, A transmitted via facsimile under 37 C.F.R. § 1 deposited with the United States Postal Serv C.F.R. 1.10 on the date indicated below ar Patents, P.O. Box 1450, Alexandria, VA 223	deposited with the United States Postal Service as F Commissioner for Patents, P.O. Box 1450, Alexandri transmitted via facsimile under 37 C.F.R. § 1.8 on the deposited with the United States Postal Service "Expl. C.F.R. 1.10 on the date indicated below and is add Patents, P.O. Box 1450, Alexandria, VA 22313-1450	that this Petition for Extension of Time Under 37 C.F.R. 1.136(a) and accompanyin deposited with the United States Postal Service as First Class mail under 37 C.F. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the ditransmitted via facsimile under 37 C.F.R. § 1.8 on the date indicated below. deposited with the United States Postal Service "Express Mail Post Office to Addi C.F.R. 1.10 on the date indicated below and is addressed to: MAIL STOP Patents, P.O. Box 1450, Alexandria, VA 22313-1450.)  Express Mail Label No.:

Express Mail Label No.:	Hathleen a. Wimuch	
Date	Printed Name	
September 9, 2005	Kathleen A. Nimrichter	